Massachusetts Health Data Inventory

Agency	Data Set	Users/Uses Program Category	Source Category	Level of Access	Years of Data Available	Unit of Observation	Notes
Dept. of Public Health	**Bureau of Health Information, Statistics, Reasearch and Evaluation**						
	Cancer Registry	Health Status; Research	Hospital; Non-hospital Facility; Surveillance	Confidential for births and linked files. Publicly reported for mortality. Aggregate data	1989-Present	Individual birth or death	MassCHIP, BEH, EPHT use this data.
	Vital Records – Mortality, Natality, Births	Health Status; Public Reporting; Research	Hospital; Non-hospital Facility; Clinician/Health Worker	Confidential for births and linked files. Publicly reported for mortality. Aggregate data	1989-Present	Individual birth or death	In MassCHIP. Registry of Vital Records and Statistics, BEH, EPHT use this data.
	Weapons-related Injury Surveillance System	Health Status; Research	Hospital; Non-hospital Facility; Surveillance	Publicly Reported	1994-2011, 2012-2013 preliminary data	Gunshot or stabbing victim treated within hospital ED.	In MassCHIP. Custom requests filled by the Injury Surveillance Program.
	Behavioral Risk Factor Surveillance System	Health Status; Research	Surveillance; Survey	Aggregated data is publicly reported	1986-2012	Telephone survey respondent	In MassCHIP. Coordinated at national level, collected at state level.
	Massachusetts Violent Death Reporting System	Health Status; Research	DC; Medical Examiner's Office; Police	None/Confidential	2003-2011	Incident	
	Youth Risk Behavior Survey and State Youth Health Survey	Health Status	Surveillance; Survey	Aggregated data is publicly reported	2007, 2009, 2011	Public school student survey respondent	In MassCHIP. Collected at state level. Also with Dept. of Elementary and Secondary Education.
	Bureau of Infectious Disease Programs						
	HIV/AIDS Surveillance Program	Health Status	Surveillance	None/Confidential	1983-Present		Data are restricted and may only be released after deidentification with approvals.
	Refugee Immigrant Health	Health Status	Surveillance; Health Worker; Clinician	None/Confidential	2003-Present		Data are restricted and may only be released after deidentification with approvals.
	Immunization School Surveys	Health Status	Survey	None/Confidential	1997-Present	Individual vaccination status	School Surveys; Immunization Clinic Assessments; (Immunization registry).
	Immunization Clinical Assessments	Health Status	Non-hospital Facility; Clinician/Health Worker	None/Confidential	1993-Present	Individual vaccination status	
	Massachusetts Immunization Information System	Health Status	Non-hospital Facility; Hospital; Clinician/Health Worker	None/Confidential			Data collection began in 2011, however many providers have uploaded historical data.
	HIV/AIDS Counseling, Testing, and Referral (CTR data)	Direct Service; Health Status	Clinician/Health Worker; Hospital; Non-hospital Facility	Internal Use	2005-Present		HIV/AIDS Counseling, Testing, and Referral; HIV/AIDS Client Health Services (HIV positives service utilization); HIV/AIDS Health Education and Risk Reduction; HIV/AIDS Partner Services
	Genuwin2	Quality Improvement; Direct Service	Clinician/Health Worker; Hospital; Non-hospital Facility	Internal Use	2000-Present		HIV/AIDS Client Health Services (HIV positives service utilization)
	HIV/AIDS Health Education and Risk Reduction (HERR)	Quality Improvement; Direct Service	Clinician/Health Worker; Hospital; Non-hospital Facility	Internal Use	2011-Present		

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Dept. of Public Health cont.	**Bureau of Family Health and Nutrition**						
	Pregnancy Risk Assessment Monitoring System (PRAMS)	Federal; Health Status; Public Reporting; Research	Survey	Aggregate surveillance data are publicly reported;	2007-2010	Survey respondent	The PRAMS sample is randomly selected from the birth certificate and includes all women who had a live birth, and is conducted
	Newborn Hearing Screening Program	Direct Service; Federal; Research; Health Status	Hospital	Aggregate surveillance data are publicly reported;	2000-2012	1. Newborn Hearing Screen (NHS) results 2. Follow-up audiologic	The Childhood Hearing Data System (CHDS) is populated by the VIP which contains newborn hearing screen (NHS) results for all
	Pregnancy to Early Life Longitudinal (PELL) Data System	Health Status; Quality Improvement; Research;	Hospital; Survey	None/Confidential; data require IRB approval	1998-2010	Mother and child delivery records	Cross sectional and longitudinal dataset. The Core PELL links the certificate of live birth data and fetal death report data to their
	WIC Program Utilization	Direct Service; Federal; Research	Non-hospital Facility; Consumer	None/Confidential	1995-2012	Individual level data for children under 5 and breastfeeding and pregnant women.	In MassCHIP. Individual level data for children under 5 and breastfeeding and pregnant women.
	Early Intervention	Direct Service; Federal; Health Status; Quality Improvement; Research	Clinician/Health Worker	Aggregate surveillance data are publicly reported; Confidential data require IRB	1998-2013	Individual child 0-2 years old	EI programs provide services to children with developmental delays or at risk for such delays at no cost and EI data consist of referrals, evaluation/eligibility, Individualized Family Service Plan
	Birth Defects Monitoring Program (BDMP)	Direct Service; Federal; Research; Quality Improvement	Hospital	Aggregate surveillance data are publicly reported; Confidential data require IRB	2000-2010 (closed files); 2011-Present (open files)	Individual cases	Data comes from mandated monthly reports from hospitals, medical record abstraction, and MA Registry of Vital Records. The Massachusetts Birth Defects Monitoring Program (BDMP) is a
	Bureau of Environmental Health						
	Lead Poisoning Prevention Program	Direct Service	Clinician/Health Worker				BEH, EPHT, CLPPP use this data.
	Amyotrophic Lateral Sclerosis (ALS) Registry	Health Status; Public Reporting; Research	Clinician/Health Worker; Hospital; Non-hospital Facility; Surveillance	Data submitted are confidential. Data reports are publicly available.* Datasets are prepared for researchers.	2007-Present	Individual level records	BEH is the data steward. The data sources included health care providers for Amyotrophic lateral sclerosis (ALS) cases. Queriable data are available on the BEH Environmental Public Health Tracking (EPHT) website and from BEH directly. *data cells not meeting privacy guidelines are suppressed to public
	Childhood Lead Poisoning Prevention Program Blood Test Database	Direct Service; Federal; Health Status; Public Reporting	Clinicians/Health Workers; Non-hospital Facility; Surveillance	Data submitted are confidential. Data reports are publicly available.* Datasets	2000-Present	Individual level records	BEH is the data steward. The data sources include health care providers and clinical laboratories, with some information from home visits and home inspections for children with elevated blood
	Pediatric Diabetes Surveillance	Health Status; Public Reporting; Research	Non-hospital Facility; Surveillance	Data submitted are confidential. Data reports are publicly available.* Datasets	2008/2009 School Year-Present	Aggregate level data by school/community location and student's community of residence	BEH is the data steward. Data source is an annual diabetes prevalence survey of all school nurses, both public and private, serving grades K-8. Contains aggregate information regarding
	Pediatric Asthma Surveillance	Health Status; Public Reporting; Research	Non-hospital Facility; Surveillance	Data submitted are confidential. Data reports are publicly available.* Datasets	2004/2005 School Year-Present	Aggregate level data by school/community location and student's community of residence	BEH is the data steward. Data source is an annual asthma prevalence survey of all school nurses, both public and private, serving grades K-8. Contains aggregate information regarding
	Foodborne Illness Reporting System	Health Status	Surveillance				BEH uses this data. Records and tracks foodborne illness reports.
	Lupus Registry	Health Status; Public Reporting; Research	Surveillance			Individual level records	BEH uses this data. Registry of cases of Lupus reported to DPH.
	Bureau of Substance Abuse Services						
	Substance Abuse (BSAS) Program Utilization	Direct Service; Federal; Public Reporting; Quality Improvement; Research	Non-hospital Facility	Internal Use	2000-Present	Admissions	In MassCHIP. Data from substance abuse treatment programs that receive BSAS funding.
	Controlled Substances Registry (MCSR)	Direct Service	Clinician/Health Worker			Prescriber	Drug control program uses this data
	Prescription Monitoring Program	Quality Improvement	Clinician/Health Worker			Prescription	Local, state, federal government, Drug Control Program, enrolled prescribers use this data. Basic variables include prescription type,

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	Bureau of Health Care Safety and Quality						
Dept. of Public Health cont.	Trauma Registry	Health Status; Research	Hospital	Internal Use, 24A Research, Aggregate De-identified public info request	April 2008-Present	Trauma incident	Geocoded patient demographic and clinical information (toxicology, injury severity, vitals, etc.) for all incidents classified as trauma, from every hospital in Massachusetts. Many universities medical schools (Umass, UVM, U Michigan, Harvard Med School
	Personnel Licensing and Certification Databases	Finance/Resource	Clinician/Health Worker			Licensee or facility	Licensing and status of the following provider types, including complaints and investigations:
	Facility Licensing Databases	Finance/Resource	Hospital; Non-hospital Facility	Internal Use	Up to 15 years in some fields	Facility	Each database includes address, facility type, services provided, number of beds, complaints, investigations, and several other
	Program Licensing Databases	Finance/Resource	Non-hospital Facility; Clinician/Health Worker	Internal Use	Up to 15 years in some fields	Program	Hospice; Adult Day Health (pending); Ambulance Services; Clinical Laboratories;
	Reportable Incidents	Public Reporting; Quality Improvement	Hospital; Non-hospital Facility; Consumer	None/Confidential	10 years	Description of event, patient information, varies considerably by	
	Serious Reportable Events	Public Reporting; Quality Improvement	Hospital; Non-hospital Facility; Consumer	Elements are publicly reported; some information is confidential	2008-present	Event Type; Harm Type; Patient race, age, sex	Each facility is responsible for determining whether an adverse event constitutes a Serious Reportable Event, and whether or not the event was preventable. This makes the data difficult to
	Pharmaceutical Code of Conduct Payments	Finance/Resource; Public Reporting	Non-hospital Facility	Public	Second half of CY2009, all of CY2010-CY2012.	Event/Gift	This database will be expanded based on recently passed regulations. New variables are currently being determined. From drug/device manufacturers to covered recipients; amount spent
	Workforce Flu Vaccine	Public Reporting; Quality Improvement	Hospital; Non-hospital Facility	Publicly Reported	2009-present	Number of staff vaccinated and number of staff vaccine declinations,	Acute care hospitals are required to report these data to the CDC's NHSN
	Outcomes Assessment Information Set (OASIS)	Public Reporting; Quality Improvement	Non-hospital Facility	None. Data owned and controlled by CMS. All data	Previous 36 months from current date.	Patient	Home Health Agency patient clinical assessment data (Federal data housed at DPH)
	Minimum Data Set (MDS)	Direct Service; Public Reporting; Quality Improvement	Hospital; Non-hospital Facility	None. Data owned and controlled by CMS. All data use must be requested	Previous 36 months from current date.	Patient	Nursing Home Resident clinical assessment data (Federal data housed at DPH)
	Healthcare Associated Infections (HAI)	Public Reporting; Research; Quality Improvement	Hospital; Non-hospital Facility	Publicly Reported	2008-present	Type of infection; type of procedure	General Epidemiology Program - select staff assist with dataset maintenance
	MassDAC Cardiac Surgery Data	Research; Quality Improvement	Hospital	Publicly Reported	CY2002-2005, FY2006-2011	Patient data	30-day mortality for isolated CABG proceduers performed at Mass Hospiatls
	MassDAC Percutaneous Coronary Intervention (PCI) Data	Research; Quality Improvement	Hospital	Publicly Reported	CY2003-2005, FY2006-2011	Patient data	Assessment (in-hospital mortality) data of PCI patients
	Cardiac Catheterization Volume Data	Public Reporting; Quality Improvement	Hospital	Internal Use; Available upon request	FY1998-2011	Procedure (by physician and by hospital)	Number of specific catheterization proceduers performed by physician and by total hospital volume (volume collected for
	Nursing Home Quality Performance Tool	Public Reporting; Quality Improvement	Non-hospital Facility	Publicly Reported	3 years	Facilty	Data collected via a DPH-administered survey. Used to calculate nursing home score, based on DPH-written algorithm
	Determination of Need Records	Finance/Resource	Hospital; Non-hospital Facility	Available upon request	Database: 1995-present. Document files: 2012-present in PDF, 2000-2011 in hard copy.	Transaction (merger/acquisition, construction, equipment purchase, service addition)	Facility requests, DPH analysis, comments from outside agencies, decision
	Emergency Medical Services (EMS) Complaints and Investigations	Quality Improvement	Consumer; Non-hospital Facility	Internal Use	2002-Present	Event	When a case is closed, DPH reports some information in accordance with public records law
	Massachusetts Ambulance Trip Record Information System (MATRIS)	Direct Service	Clinician/Health Worker	Internal use; 24A research, aggregated, de-identified data available for public	2011-Present	Trip Record	All EMS patient care reports using the NEMSIS data standard from all licensed ambulance services in Massachusetts. This includes EMS response times, patient vitals, motor vehicle safety data

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	Emergency Department Patient Boarding	Health Status; Public Reporting; Quality Improvement	Hospital	Publicly reported upon request. Data shared with Boarding and Patient Task	2012-Present	Patient or Hospital	BPFTF, EOHHS use this data. Total ED patient volume, number of patients waiting 12+ hours after initial triage, number of patients waiting 12+ hours with a behavioral health primary diagnosis
	Coverdell Stroke Registry	Health Status	Hospital; Clinician/Health Worker	Elements are publicly reported; some information is confidential		Hospitalizations for stroke linked to EMS and death records / Per KM: 1. Percentage of all ischemic	We have limited access to this data. The Coverdell Program, also within DPH (in the Bureau of Community Health and Prevention) has access to more raw data than the Bureau of Health Care
	Bureau of Community Health and Prevention						
	Coverdell Stroke Registry	Health Status	Hospital; Clinician/Health Worker	Elements are publicly reported; some information	2005-Present	Hospitalizations for stroke linked to EMS and death records	We have limited access to this data. The Coverdell Program, also within DPH (in the Bureau of Community Health Access and
	Mass In Motion Field Surveys	Health Status	Survey	Internal Use	2012-2013	Specific geo-coded locations	Community Transformation Grant; Restaurants, grocery stores, convenience stores, parks, and sidewalks
	Mass In Motion Telephone Surveys	Health Status	Survey	Internal Use	2012-2013	Adults respondents (18+)	Community Transformation Grant; Landline and cell phones in 40 target communities
Dept. of Public Health cont.	Mass In Motion Clinical Encounter Records	Direct Service; Health Status	Non-hospital Facility	None/Confidential	2012-2013	Primary care encounters at CHCs	Community Transformation Grant; Community Health Centers in MA via the CHIA DRVS system
	Epinephrine Adminstration	Health Status	Clinician/Health Worker; Non-hospital Facility	Internal Use	2006/2007-2012/2013 school years	Individual events in which epinephrine was administered to a student	School Nurses
	School BMI Data	Health Status	Clinician/Health Worker; Non-hospital Facility	Internal Use	2009-2013	District summary of underweight, normal weight, overweight, and	School Nurses and Nurse Leaders
	Tobacco Quitline Database	Direct Service; Health Status	Hospital; Non-hospital Facility	Internal Use	Not applicable	Individual referral; individual counseling service to quit smoking;	Referrals for tobacco cessation services are provided by health care providers to the Smoker's Helpline are tracked. Smokers may
	READY Study	Health Status	Clinician/Health Worker	None/Confidential	2010-2014	Visit summaries to deal with envirnomental triggers for asthma	Home visits with families with children chronic asthma
	Batterer Intervention	Direct Service	Clinician/Health Worker	None/Confidential	1999-Present	Monthly summaries and training satistifaction reports	BCHAP / DVIP uses data
	Rape Crisis Monthly Summaries	Direct Service	Clinician/Health Worker	None/Confidential	1999-Present	Monthly summaries of services	BCHAP / DVIP uses data
	MDPHnet	Health Status	Non-hospital Facility; Surveillance	Internal Use	2010-present	Distributed query system to track health conditions for participating clinical sites	Ambulatory surveillance system
Board of Registration in Medicine	Physician Workforce Data	Public Reporting; Finance/Resource;	Clinician/Health Worker; Hospital; Non-hospital Facility; Payer;			Individual physician license records	Individual physician licensure and disciplinary information some of which is available on Physician Profiles.
	Licensure Information	Public Reporting	Clinician/Health Worker			Individual physician license records	Online Physician Profiles available to the public. <Hyperlink>
	Mandatory Reports	Public Reporting	Hospital; Non-hospital Facility; Clinician/Health Worker; Payer; Consumer			Individual reports from mandated reporters	From health care facilities, malpractice insurers, the courts and other sources. The reporting entities are mandated by law to report certain disciplinary and other information.

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Center for Health Information and Analysis	Hospital Discharge Database	Finance/Resource; Public Reporting; Research	Hospital	Internal Use; Data releases require review/approval	1998-Present	A discharge	Users can apply for data for research purposes on CHIA's site. De-identified data available in annual file by HFY (XXXX-2012).
	All-Payer Claims Database	Research	Payer	Internal Use; Data releases require review/approval	2008-2012	Claim lines	Applications to the Data Release Committee can be accessed on CHIA's site. Data from 2008 on. Currently 11 applicants.
	Hospital Cost Reports	Public Reporting	Hospital	Internal Use	2003-2012		
	Community Health Center Cost Reports	Public Reporting	Non-Hospital Facility	Internal Use			
	Household Insurance Survey	Public Reporting; Research	Survey	Publicly Reported	2005-2011	Summary data of survey responses by demographic groups	Public survey
	Hospital Financial Performance	Public Reporting; Research	Hospital	Publicly Reported	2003-2012		
	Long Term Care	Finance/Resource; Federal; Public Reporting; Research	Non-hospital Facility	Internal Use	1992-2012		
	Employer Insurance Survey	Public Reporting; Research	Survey	Publicly Reported	2005-2011	Summary data of survey responses by employer size	Employer survey
	Registered Provider Organizations	Finance/Resource; Public Reporting; Research	Non-hospital Facility				Future
	Standard Quality Measure Set	Public Reporting; Quality Improvement; Research	Hospital; Non-hospital Facility; Clinician/Health Worker				Future
Elder Affairs	Long-Term Care Option Counseling	Direct Service; Federal; Quality Improvement	Clinicians/Health Workers	Internal Use	2010-Present	Number of closed options counseling records and outcomes	ASAP/ILC use this data. Collected on LTCOC Activity Report
	Nursing Facility Admission Assessment	Direct Service; Health Status	Clinician/Health Worker	Internal Use	2010-Present	Individual	ASAP use this data. Nursing facility admission assessment for MassHealth clients. Clinical assessment data on consumer's demographics, ADL/IADL needs, disease diagnoses, etc.
	Nursing Facility Complaints and Resolutions	Direct Service; Quality Improvement	Surveillance	Internal Use	2005-Present	Complaint	ASAP use this data. Case data on nursing faculty complaints and resolutions
	Case Closures	Direct Service	Clinician/Health Worker	Internal Use	2010-Present	Consumer information, nursing facility residence, follow-up 30/60/90 days after discharge	ASAP use this data. Used to track nursing facility residents transitioned back to the community.
	Assisted Living Facility Complaints and Resolutions	Direct Service; Quality Improvement	Non-Hospital Facility; Surveillance	Internal Use	2013-Present	Complaint	Case data on assisted living faculty complaints and resolutions
	Assisted Living Facilities and Residents	Finance/Resource; Public Reporting	Non-Hospital Facility	Internal Use	2006-Present	Aggregate Information on number of AL units, characteristics and needs (ADLs) of assisted living residents, length of residency	Assisted Living Annual Report - Resident Aggregate Information

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Elder Affairs cont.	Aging Services Access Point Reporting	Finance/Resource	Clinician/Health Worker	Publicly Reported	2002-Present	ASAP data on revenues and expenses for programs	Reported using Uniform Financial Report
	Case Management / Home and Community-based Services Data	Direct Service; Finance/Resource; Health Status	Clinician/Health Worker	Internal Use	2004-Present	Individual	ASAP use this data. Individual level data of ASAP consumers and caregivers including demographic, assessment, service delivery and expense data. Data from Senior Information Management System (SIMS)
	Serving the Health Information Needs of Elders (SHINE) Program	Direct Service; Federal; Public Reporting; Quality Improvement	Clinician/Health Worker	Internal Use	2010-Present	Individual	SHINE providers use this data. Data from SHIPtalk database. Data on SHINE client contacts, client demographic data, topics covered and referrals, and time spent.
	Provider Database	Direct Service; Public Reporting	Clinician/Health Worker; Hospital; Non-hospital Facility	Publicly Reported	2006-Present	Individual	Types of services offered by provider, address, contact information https://providers.800ageinfo.com/site/371/search_for_services.aspx
	Adult Protective Service Data	Direct Service	Clinician/Health Worker	None/Confidential	2010-Present	Individual	Case management data on protective services allegations, case notes, and case resolution
	Census of Elder Population (60+)	Finance/Resource	Survey	Publicly Reported	1980-Present	Population 60+ at ASAP, town level	Federal allocations
Dept. of Mental Health	MHIS	Direct Service	Hospital; Non-hospital Facility	Internal use	2004-Present	Electronic health record	Electronic health record for IP facilities; case management record; service authorizations and enrollments. MHIS is also the source for DMH service authorization and enrollments.
	Provider Reporting for Adult Services (CBFS, Clubhouse)	Direct Service; Public Reporting; Quality Improvement	Clinician/Health Worker	Internal use; reports shared with providers; limited public reporting	2010-Present	Aggregate data on outcome/performance measures presented at contract, DMH Area and statewide levels.	CBFS and Clubhouse providers submit person-level data electronically to DMH; stored in DMH warehouse where it can be linked with other data; data are also used in ad hoc reporting/analysis; this system is expected to expand to include other service types; reports are also sent to providers
	Contract Monitoring Database	Direct Service; Quality Improvement	Clinician/Health Worker; Non-hospital Facility	Internal use	2011-Present	System autogenerates "triggers" (e.g. persons with 2 admissions in a 90 day period); staff document reponse/outcome as method of monitoring service quality	Data comes from DMH Data Warehouse. Internal application used by DMH Site Offices for contract monitoring. System produces contract monitoring and audit reports.
	Provider Data Interface (PDI)	Direct Service; Finance/Resource	Clinician/Health Worker; Hospital; Non-hospital Facility	Internal use; reports available to providers	2012-Present	System was developed to provide a method to exchange referral information, invoicing and outcome data	Currently used by providers of DMH Individual and Family Flexible Support Services (IFFSS) to exchange referral information and other data with DMH. System may expected to expand to other service types; currently expanding capacity to provide reports to assist staff in managing program capacity
	Performance Based Contracting	Direct Service; Quality Improvement		Internal use; limited public reporting	2001-Present	Provider reporting of aggregate outcome and service utilization data	Providers report aggregate data at contract level twice per year. Data is of limited utility due to aggregate nature. This system is being phased out as each community service is re-procured. It is being replaced by Provider Reporting for Adult Services and PDI.

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Dept. of Mental Health cont.	IAReal	Compliance; Quality Improvement	Consumer; Hospital; Non-Hospital Facility	Internal use; limited public reporting	1996-Present	System providers aggregate counts of incidents and complaints by type and other variables; also provides qualitative information regarding nature of incidents/complaints	Incidents reporting database. Internal system to document "critical" incidents and compaints; users inlude DMH Site and Central Office Investigations staff.
	Deceased Client Profile Database (DCP)	Quality Improvement; Research; Public Reporting	Clinician/Health Worker	Internal use; limited public reporting	2007-Present	Data is captured on the death of all DMH clients, inlcudes demographics, manner of death, and health condition	Internal application used by DMH Areas and Central Office. Data are used to produce mortality reports.
	DMH Admission Referral Tracking System (DART)	Finance/Resource	Clinician/Health Workers; Hospital; Non-hospital Facility	Internal use; limited public reporting	2007-Present	Produces reports on referral sources, numbers of referral, waitlists, diversions, etc.	Used to track referrals to, waiting time and diversions from DMH inpatient continuing care facilities; data entered by DMH Area staff
	Restraint and Seclusion Database	Finance/Resource; Public Reporting; Quality Improvement	Hospitals; Non-hospital Facilities	Internal use; limited public reporting	1998-Present	Incidence and duration of restraint and seclusion	Database maintained in DMH Central Office for all DMH inpatient facilities and DMH-licensed faciliities. Used for internal and public reporting.
	Licensing Databases	Public Reporting	Hospital; Non-hospital Facility	Internal use	Acute-care psychiatric units: 1998-Present Community residential: 1996-Present	Tracks facilities and residential locations	Two separate databases tracking licensure of acute-care psychiatric units/facilities and residential/group living environments.
	Medication Assistance Program (MAP)/Medication Occurrence Database	Quality Improvement; Public Reporting	Clinician/Health Worker	Internal use; state reporting (legislature)	1996-Present	Reports on site visits and counts of medication occurences	Internal system to track data related to MAP compliance and medication occurences.
	Consumer Satisfaction Survey	Federal; Quality Improvement; Public Reporting	Consumer; Survey	Internal use; reports available to providers; public reporting	2006-Present	Summary data of consumer responses by contract (adult surveys) or DMH Area (family survey)	Annual survey of adults receiving DMH community services, adults in DMH inpatient facilities, and families of youth receiving DMH community services. Annual survey conducted by UMass. Reports are available on website and used in federal reporting and contract monitoring/quality improvement
	Legal Status Database	Public Reporting	Hospital	Reported to Legislature	1997-Present	Summary data of legal status on admission and discharge to and from private and state-operated psychatric units and facilities	Inpatient facilities report monthly aggregate data by legal status; annual report is prepared for the Legislature
	Enterprise Invoicing Management (EIM)	Finance/Resource	Clinician/Health Worker; Hospital; Non-hospital Facility	Internal use; reports available to providers	2007-Present	Service utilization	EOHHS system; used by providers for invoicing
Division of Insurance	HMO Quarterly Membership Reports	Public Reporting	Payer			Membership counts	Carriers submit summary data files
	HMO Semi-Annual Utilization Reports	Public Reporting	Payer			Membership and utilization data	Carriers submit summary data files
	Medicare Membership Reports	Public Reporting	Payer			Annual membership counts	Carriers submit summary data files
	Preferred Provider Organization (PPO) Membership Reports	Public Reporting	Payer			Annual membership and utilization data	Carriers submit summary data files
	Individual/Small Group Membership Reports	Public Reporting	Payer			Annual membership counts	Carriers submit summary data files
	Annual Comprehensive Financial Statement Reports	Public Reporting	Payer			Annual membership and financial data	Carriers submit summary data files
	Closed Guaranteed Issue Membership Reports	Research	Payer			Annual membership counts	Carriers submit summary data files

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Division of Insurance cont.	Closed Nongroup Membership Reports	Research	Payer			Annual membership counts	Carriers submit summary data files
	Uniform Coding and Billing Reports	Public Reporting; Quality Improvement	Payer			Annual coding compliance report and quarterly status report on coding issues	Carriers submit summary data files and status reports. Uniform Coding and Billing Advisory Committee uses reports.
	Medical Loss Ratio (MLR) Rebate Reports	Public Reporting	Payer			Annual worksheet to calculate MLR Rebates due to customers	Carriers submit summary data files
	Tiered/Limited Network Reports	Public Reporting	Payer			Annual membership and utilization data	Carriers submit summary data files
	Third Party Administrator (TPA) Reports	Public Reporting	Payer			Annual membership, financial, and mandated benefits data	TPAs submit summary data files
	Quarterly Rate Filings	Finance/Resource	Payer			All data and calculations that are considered when setting quarterly base rates	Carriers submit rate filings
	Risk-bearing Provider Organizations	Finance/Resource					Future
Group Insurance Commission	GIC Enrollee Demographic Data	Direct Service	Consumer			Enrollee (HR/CMS, agency coordinators, cities and towns, etc.)	To administer insurance to GIC enrollees. Internal systems data (MAGIC)
	Medical, Mental Health and Pharmacy Claims	Public Reporting; Research	Payer				Go to data warehouse consultant. Data sources include: Health plans, mental health benefit managers, pharmacy benefit managers
	Clinical Performance Improvement Initiative (CPII) Claims Dataset	Quality Improvement	Payer				Submitted annually, but submitted for three-years at a time. Data sources include: Health plans, mental health benefit managers, pharmacy benefit managers.
Health Connector	Commonwealth Care Enrollment Data	Finance/Resource; Direct Service	Consumer			Member enrollment record	Lives in the MassHealth data warehouse
	Commonwealth Care Eligibility Data	Finance/Resource; Direct Service	Consumer			Member eligibility record	Lives in the MassHealth data warehouse
	Commonwealth Care Claims Data	Direct Service; Finance/Resource; Research	Hospital; Non-hospital Facility; Clinician/Health			Claim line	Lives in the MassHealth data warehouse
	Commonwealth Care Waivers and Appeals Data	Direct Service	Consumer			Individual waiver or appeal	This data is collected by the Health Connector's appeals unit
	Commonwealth Care Customer Service Center Data	Direct Service	Consumer			Individual call or request	This data is collected by the Health Connector and its customer service center
	Commonwealth Care Member Survey Results	Direct Service; Quality Improvement	Survey			Survey respondent	This survey has been done approximately on an annual basis.
	Commonwealth Choice Enrollment Data	Finance/Resource; Direct Service	Consumer			Member enrollment record	This data is collected by the Health Connector and its customer service center
	Commonwealth Choice Demographic Data	Finance/Resource; Direct Service	Consumer			Member record	This data is collected by the Health Connector and its customer service center
	Commonwealth Choice Customer Service Center Data	Direct Service	Consumer			Individual call or request	This data is collected by the Health Connector and its customer service center
	Health Plan Applications for Minimum Creditable Coverage	Public Reporting	Payer			Request by a health plan	The Connector keeps track of the number of health plans that deviate from Minimum Creditable Coverage (MCC) standards, but
	Tax Filer Data from the Schedule HC	Public Reporting	Consumer			Data from tax filers' Schedule HC submissions	The data is collected and provided by the Department of Revenue. Analysis of the data and a republic report of the data is done by

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MassHealth/HSN	MassHealth Member Claims	Direct Service; Finance/Resource; Quality Improvement; Research	Hospital; Non-hospital Facility; Clinician/Health Worker	Internal Use	4/1/2005 for claim level, remit/adjudication; 1983-Present for LTC and "lifetime procedures"	Claim line	Data supports internal analytic purposes. Service and payment information for all MassHealth members paid on FFS basis (FFS & PCC Plan enrolled). Facility, physician service, and dental claims. In MassHealth Data Warehouse.
	Non-claims Expenditures	Direct Service; Finance/Resource; Quality Improvement	Hospital; Non-hospital Facility; Clinician/Health Worker			Expenditure	Includes: P4P, Med Home, incentives, EHR. Data does not currently flow to Warehouse, but may in future. These expenditures are part of the TME report that will be sent to CHIA.
	Managed Care Encounter Data	Direct Service; Finance/Resource	Payer	Internal Use	1/1/2004-Present	Encounters (not claim lines)	Data supports internal analytic purposes. Sourced by MassHealth Managed Care Plans; Stored in MassHealth Data Warehouse
	Capitation Payments	Finance/Resource	Payer			Payment	
	Eligibility/Enrollment Data	Direct Service	Consumer	Internal Use	1/1/2003-Present	Member eligibility record	Data supports internal analytic purposes. Includes TPL, Medicare, LTC, demographics, benefit plans
	MA 21	Direct Service	Consumer; Payer	Internal Use		Case/household	Data supports internal analytic purposes. Extensive data relating to income etc., only used for eligibility determination. Most not stored in MMIS, only kept in MA 21. System does not include members with referred eligibility (other agencies).
	Risk Scores (DxCG)	Finance/Resource; Quality Improvement; Research	Payer	Internal Use		Member predictive score	Data supports internal analytic purposes. Derived from claims/encounter data, then loaded into Data Warehouse. Payers calculate risk scores
	Health Safety Net Data	Direct Service; Finance/Resource	Hospital; Non-hospital Facility; Clinician/Health Worker	Public reporting at aggregate level		Encounter	Plan is to have HSN data flow directly to MMIS in future.
	MDS 3.0	Direct Service; Quality Improvement; Research	Non-hospital Facility	Data may be publicly reported as rates	2010-Present (from roll-out of MDS 3.0 in 2010)	Encounter	Currently used for P4P; Will exist in the MassHealth DW in the future. Nursing facilities are data source. Data is extract provided by CMS; the data are limited to selected quality measures
Health Policy Commission	Registration of Provider Organizations						Future
	Registration of Accountable Care Organizations						Future
	Registration of Patient Centered Medical Homes						Future
	Office of Patient Protection	Public Reporting	Payer				Information on grievances and external reviews, carrier information

Data User/Use Program Catagories	Data Source Categories
1. Finance/Resource	1. Surveillance
2. Health Status	2. Hospital
3. Quality Improvement	3. Non-Hospital Facility
4. Direct Service	4. Consumer
5. Federal	5. Payer
6. Research	6. Clinician/Health Worker
7. Public Reporting	7. Survey